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Patent & Trademark Office

To the Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereof.

1. Name(s) of conveying parties:

- (1) Xiaoping Bian
- (2) Mary Frances Doerner
- (3) James A. Hagan
- (4) Tim Minvielle
- (5) Mohammad Taghi Mirzamaani
- (6) Adam Daniel Polcyn
- (7) Kai Tang

2. Name and address of receiving party:

International Business
Machines Corporation
New Orchard Road
Armonk, NY 10504

Additional name(s) of conveying party(ies) attached Yes XX No

3. Nature of conveyance:

XX Assignment

Execution Dates: 04-16-02; 04-18-02

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

- A. Patent Application No.(s) **10/059,780**
- B. Patent No.(s)

Additional numbers attached? Yes XX No

5. Name and address of party to whom correspondence concerning document should be mailed:

Marlin Knight (#33,409)
Hoyt & Knight
PO Box 1320
Pioneer, CA 95666

6. Total Number of applications and patents involved: One

7. Total fee (37 CFR 3.41).....\$ 40.00

Authorized to be charged to deposit account 09-0466

8. Deposit Account Number: 09-0466

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

(x) *A. Marlin Knight* Date: 4-29-02

(Total number of pages including cover sheet, attachments, and document: 3)

ASSIGNMENT

Whereas, we:

- (1) Xiaoping Bian
- (2) Mary Frances Doerner
- (3) James A. Hagan
- (4) Tim Minvielle
- (5) Mohammad Taghi Mirzamaani
- (6) Adam Daniel Polcyn
- (7) Kai Tang

of San Jose, CA
of Santa Cruz, CA
of Rochester, MN
of San Jose, CA
of San Jose, CA
of San Jose, CA
of San Jose, CA

have invented certain improvements in a

Magnetic Thin Film Media with a Pre-seed Layer of CrTi

and executed, respectively, a declaration for a United States patent application therefor on

- | | |
|-------------------------------|-------------------------|
| (1) <u>2-1</u> , 2002; | (2) <u>1/31</u> , 2002; |
| (3) <u> </u> , 2002; | (4) <u>2/6</u> , 2002; |
| (5) <u>1-31</u> , 2002; | (6) <u>2/7</u> , 2002; |
| (7) <u>1/31</u> , 2002. | |

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor.

Now, therefore, for a valuable consideration, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Executed:

(1) at <u>San Jose</u> (CITY)	(X) <u>[Signature]</u>	SIGNATURE of INVENTOR (1)
on DATE <u>2-1</u> , 2002		
(2) at <u>San Jose</u> (CITY)	(X) <u>[Signature]</u>	SIGNATURE of INVENTOR (2)
on DATE <u>1/31</u> , 2002		
(3) at <u> </u> (CITY)	(X) <u> </u>	SIGNATURE of INVENTOR (3)
on DATE <u> </u> , 2002		
(4) at <u>San Jose</u> (CITY)	(X) <u>[Signature]</u>	SIGNATURE of INVENTOR (4)
on DATE <u>2/6</u> , 2002		
(5) at <u>San Jose</u> (CITY)	(X) <u>[Signature]</u>	SIGNATURE of INVENTOR (5)
on DATE <u>1/31</u> , 2002		
(6) at <u>SAN JOSE</u> (CITY)	(X) <u>[Signature]</u>	SIGNATURE of INVENTOR (6)
on DATE <u>2/7/02</u> , 2002		
(7) at <u>San Jose</u> (CITY)	(X) <u>[Signature]</u>	SIGNATURE of INVENTOR (7)
on DATE <u>1/31</u> , 2002		

SJO9-2000-0130US2

ASSIGNMENT

Whereas, we:

(1) Xiaoping Bian	of San Jose, CA
(2) Mary Frances Doerner	of Santa Cruz, CA
(3) James A. Hagan	of Rochester, MN
(4) Tim Minvielle	of San Jose, CA
(5) Mohammad Taghi Mirzamaani	of San Jose, CA
(6) Adam Daniel Polcyn	of San Jose, CA
(7) Kai Tang	of San Jose, CA

have invented certain improvements in a

Magnetic Thin Film Media with a Pre-seed Layer of CrTi

and executed, respectively, a declaration for a United States patent application therefor on

(1) _____, 2002;	(2) _____, 2002;
(3) <u>2/8</u> , 2002;	(4) _____, 2002;
(5) _____, 2002;	(6) _____, 2002;
(7) _____, 2002.	

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Executed:

(1) at _____ (CITY)	(X)	_____
on DATE _____, 2002		SIGNATURE of INVENTOR (1)
(2) at _____ (CITY)	(X)	_____
on DATE _____, 2002		SIGNATURE of INVENTOR (2)
(3) at <u>Rochester</u> (CITY)	(X)	<u>James A. Hagan</u>
on DATE <u>2/8</u> , 2002		SIGNATURE of INVENTOR (3)
(4) at _____ (CITY)	(X)	_____
on DATE _____, 2002		SIGNATURE of INVENTOR (4)
(5) at _____ (CITY)	(X)	_____
on DATE _____, 2002		SIGNATURE of INVENTOR (5)
(6) at _____ (CITY)	(X)	_____
on DATE _____, 2002		SIGNATURE of INVENTOR (6)
(7) at _____ (CITY)	(X)	_____
on DATE _____, 2002		SIGNATURE of INVENTOR (7)

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